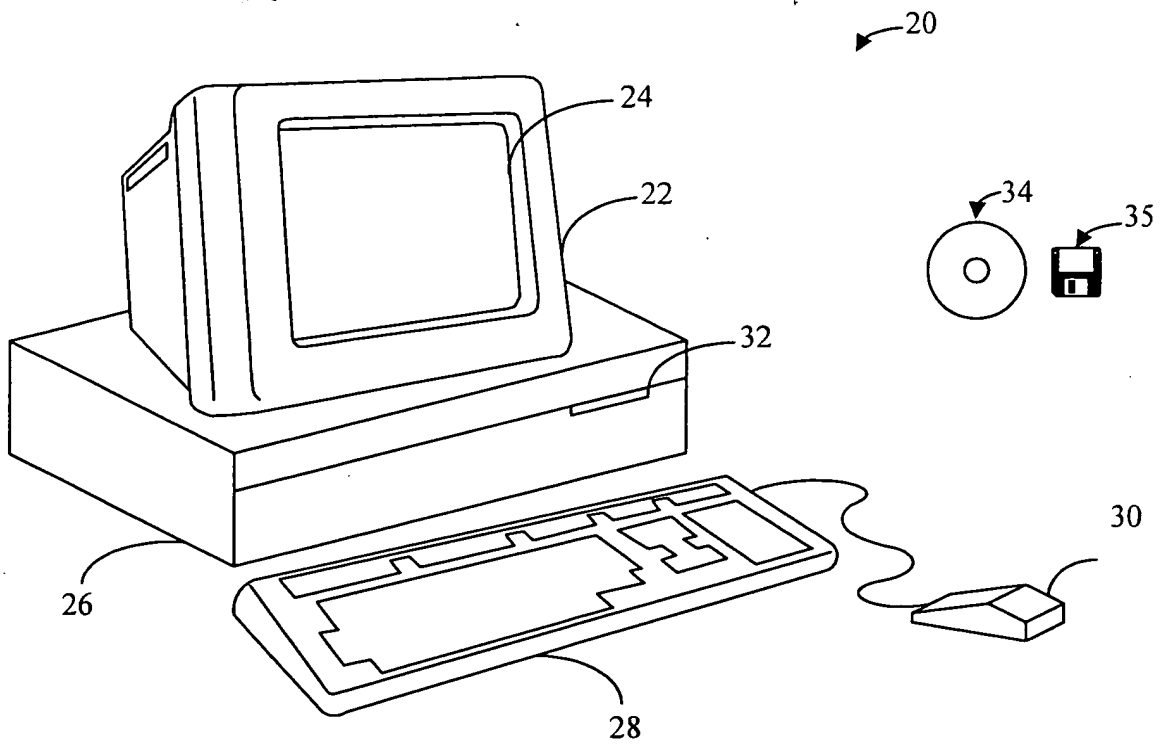
20
24
22
34
35
32
30
26
28

FIG. 1

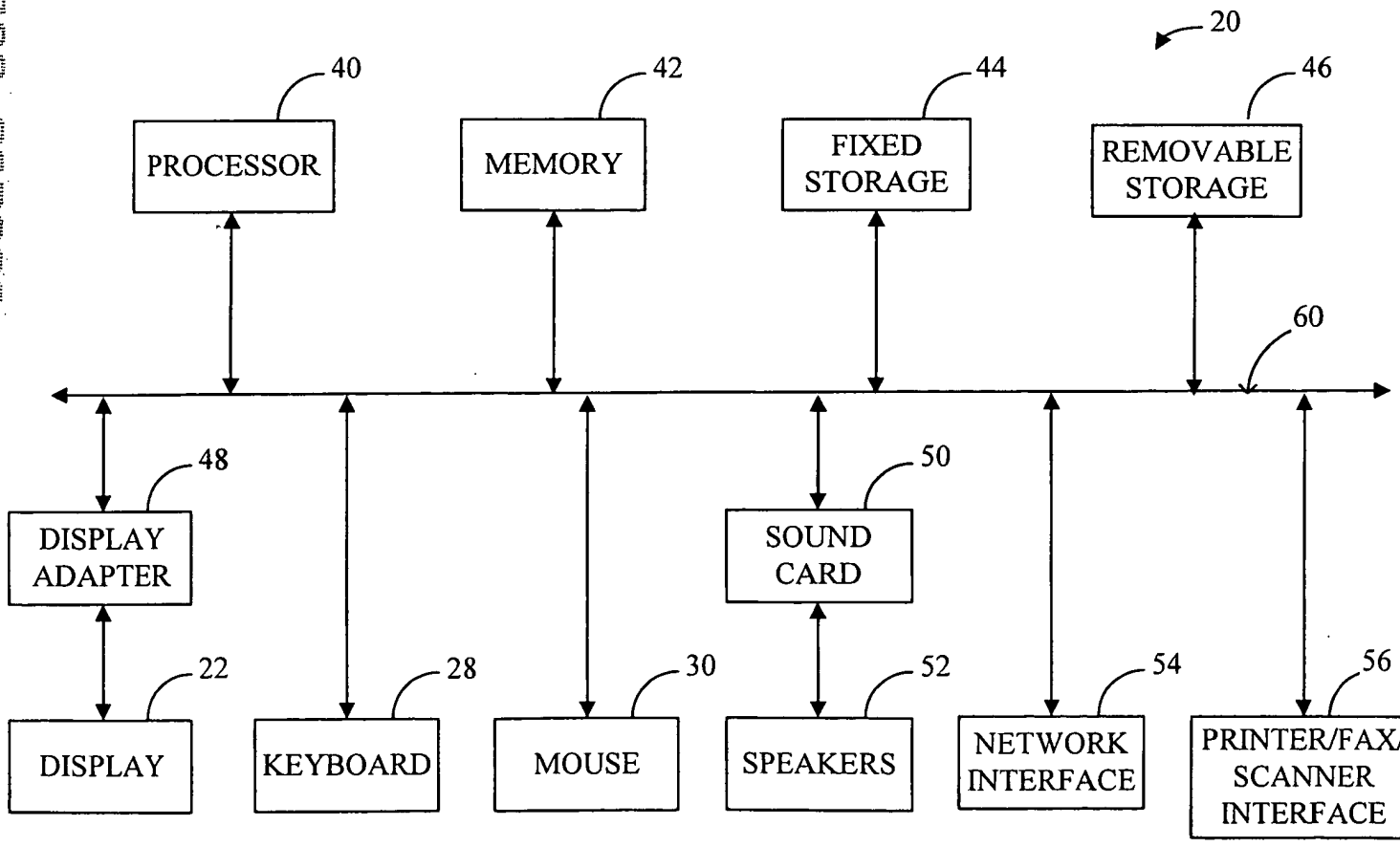
20
40
PROCESSOR
42
MEMORY
44
FIXED STORAGE
46
REMOVABLE STORAGE
60
48
DISPLAY ADAPTER
50
SOUND CARD
22
DISPLAY
28
KEYBOARD
30
MOUSE
52
SPEAKERS
54
NETWORK INTERFACE
56
PRINTER/FAX/ SCANNER INTERFACE

FIG. 2

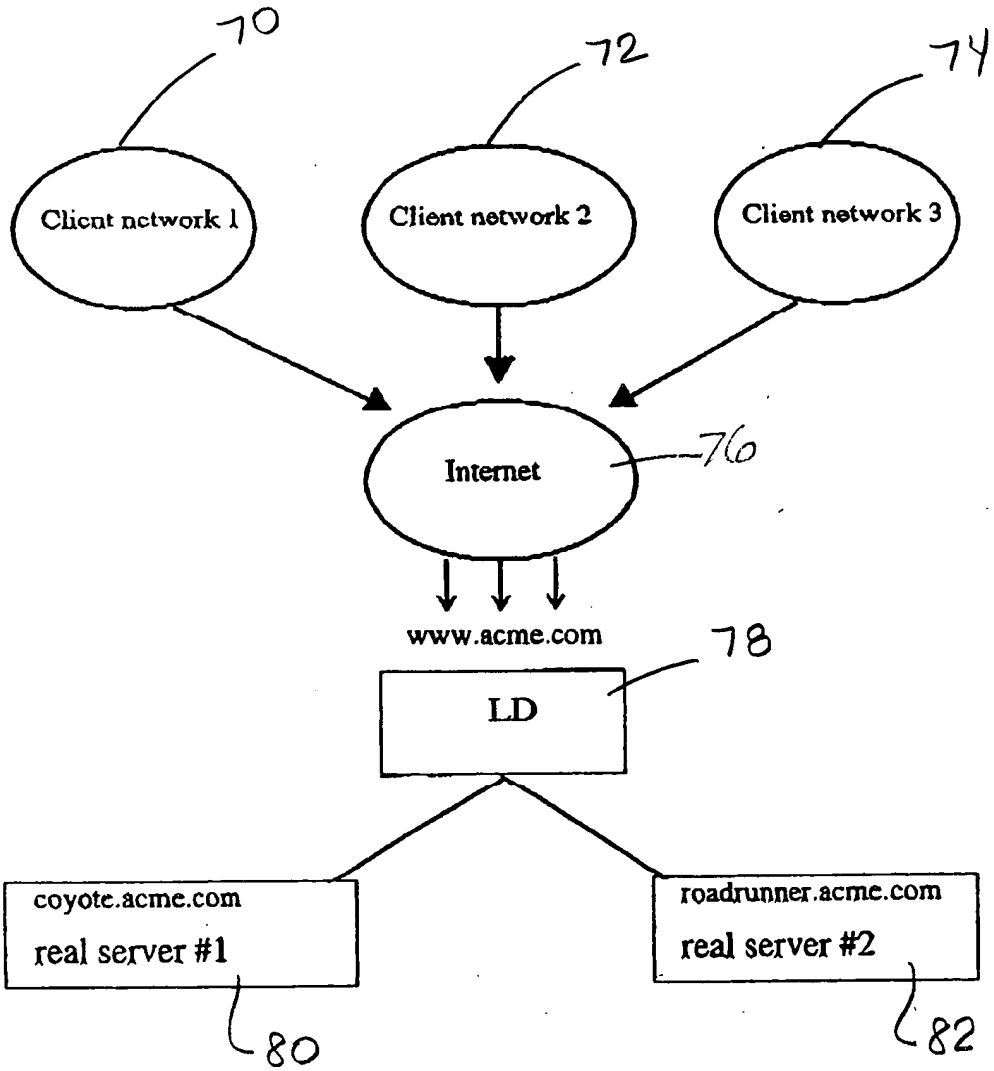
70
72
74
Client network 1
Client network 2
Client network 3
Internet
76
www.acme.com
78
LD
coyote.acme.com
real server #1
roadrunner.acme.com
real server #2
80
82

FIG. 3

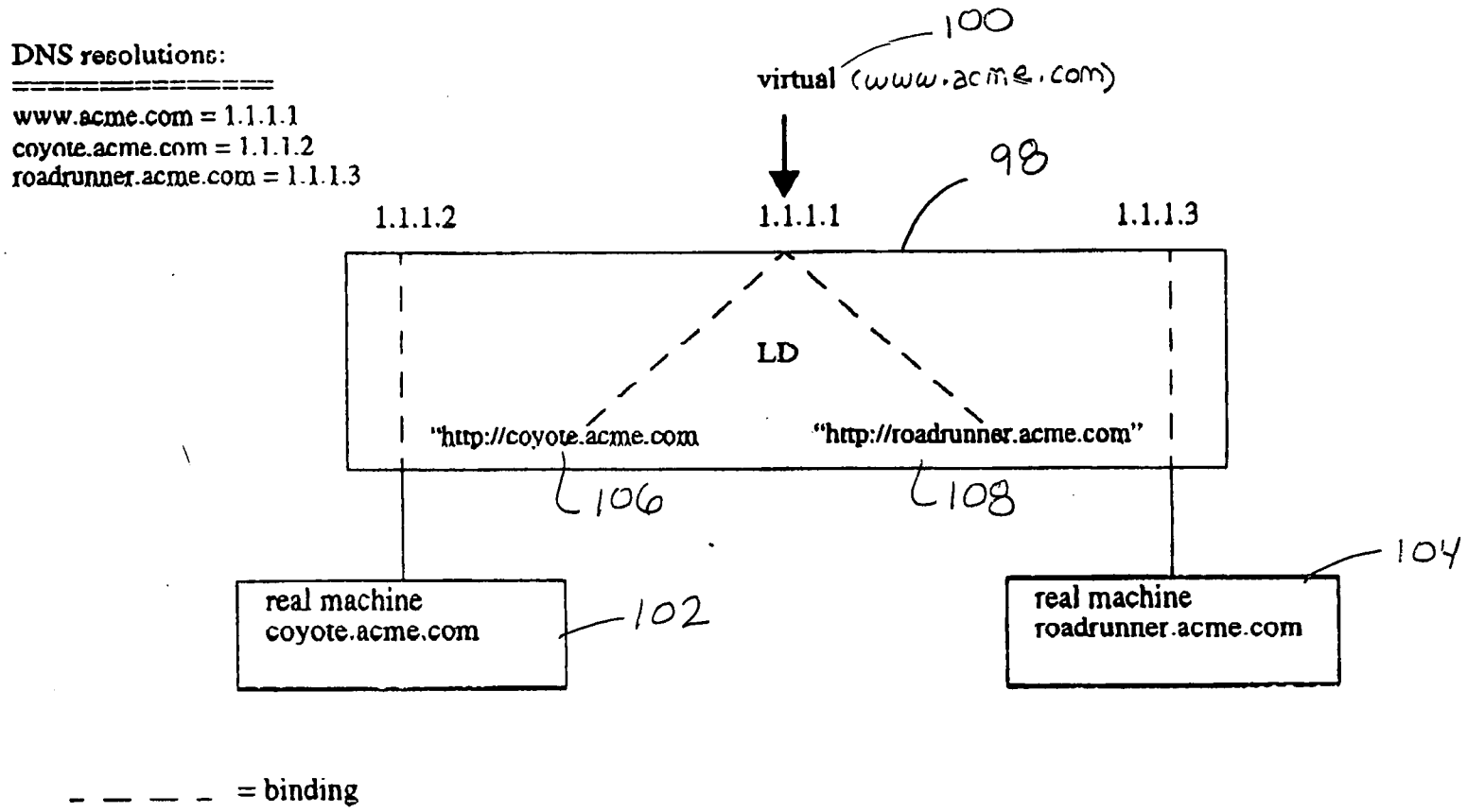
DNS resolutions:
www.acme.com = 1.1.1.1
coyote.acme.com = 1.1.1.2
roadrunner.acme.com = 1.1.1.3
100
virtual (www.acme.com)
98
1.1.1.2
1.1.1.1
1.1.1.3
LD
"http://coyote.acme.com
"http://roadrunner.acme.com"
106
108
104
real machine
coyote.acme.com
102
real machine
roadrunner.acme.com
= binding

FIG. 4

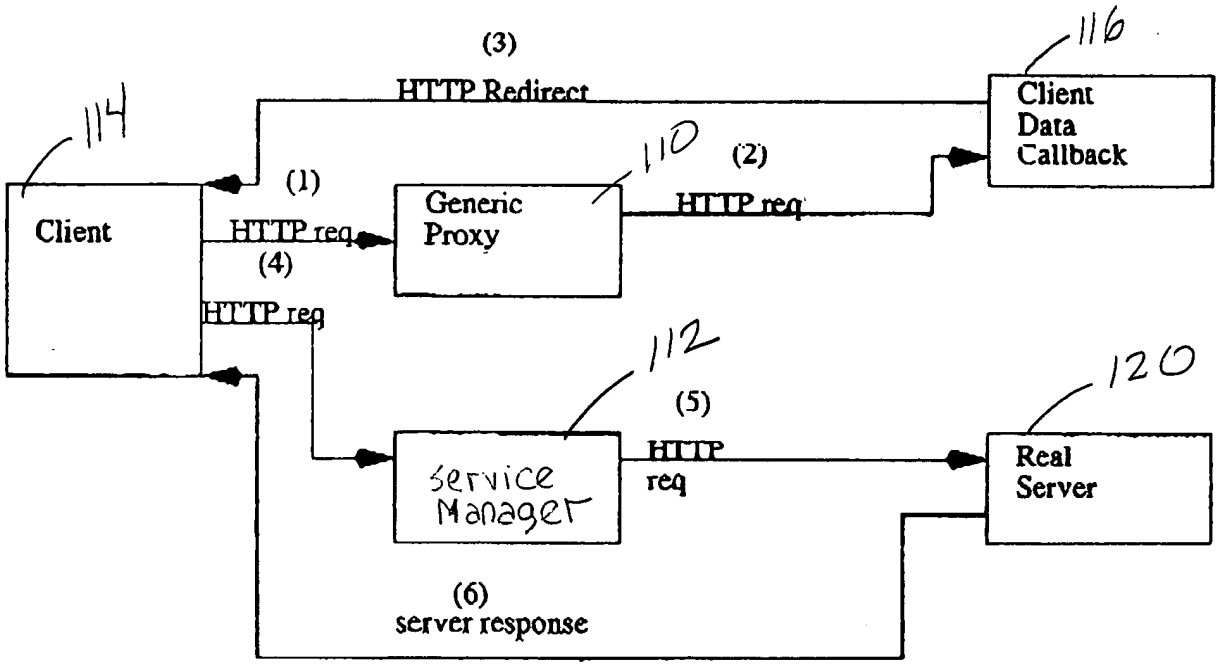
(3)
HTTP Redirect
116
Client Data Callback
114
Client
(1)
HTTP req
(4)
HTTP req
110
Generic Proxy
(2)
HTTP req
112
(5)
HTTP req
Service Manager
120
Real Server
(6)
server response

FIG. 5

Field	Description
Urlname *next	Next item in list
uchar name[40]	The name associated with the URL
uchar url[128]	The actual url string
ushort code	The return code to be used for this URL
ushort flags	Flags describing any macro substitutions used
Pmach *pmp	Pointer to a pmach structure used foro this URL
Vmach *link	Pointer to DIP/virt to link this URL with

FIG. 6

Field	Description
Hname=0x0001	Flag that says use hostname substitution
Pnum=0x0002	Flag that says use port number substitution
Dname=0x0003	Flag that says use directory name substitution

FIG. 7

Field	Description
Urlid *u	This is defined if this backup is a URL

FIG. 8

Field	Description
Urlid *u	If this real is a URL real this points to a Urlid structure

FIG. 9

Entry	Description
Pmach_Url=0x0080	Flag that designates this real as being a URL real
Pmach_DIP=0x0200	Flag that says whether this real is part of a DIP

FIG. 10

Entry	Description
Vmach_Link=0x0200	Flag that designates this vmach to be linked to a URL
Vmach_DIP=0x0800	Flag that designates this Vmach to be part of a DIP

FIG. 11

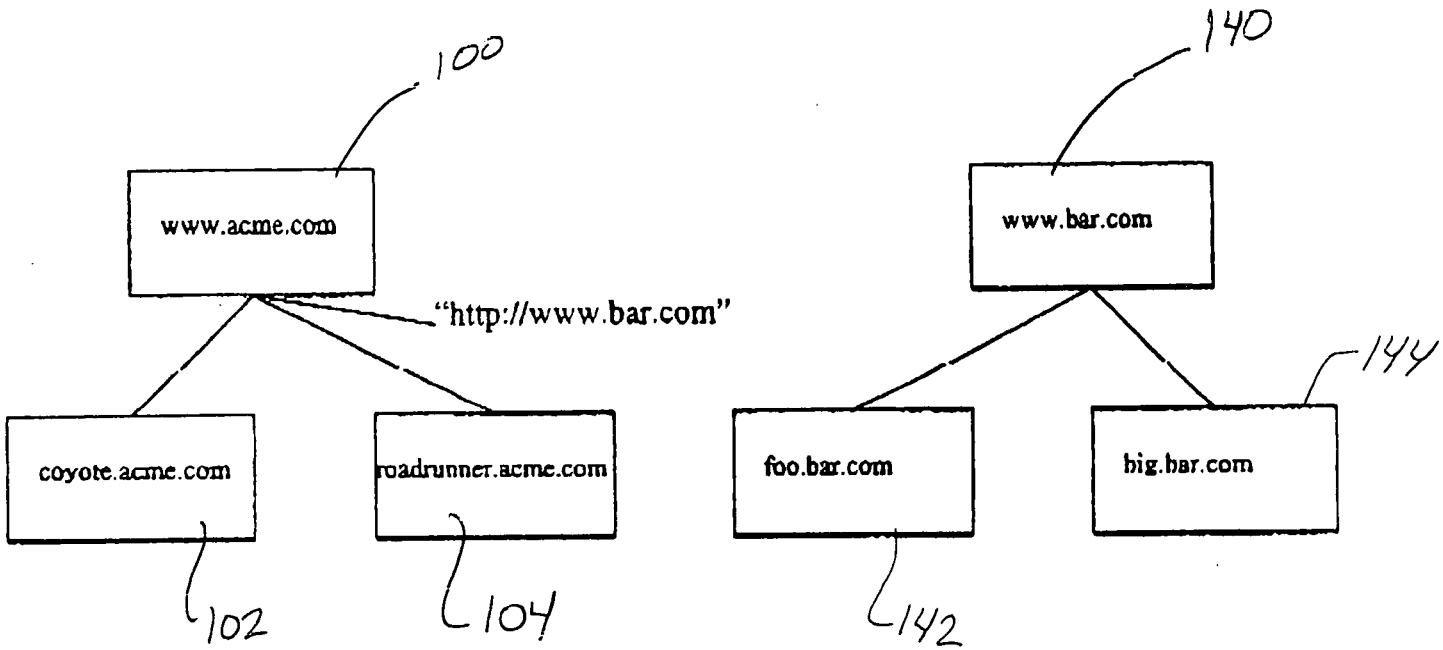
100
www.acme.com
"http://www.bar.com"
coyote.acme.com
roadrunner.acme.com
102
104
140
www.bar.com
144
foo.bar.com
big.bar.com
142

FIG. 12